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PAGANINI'S

Method of producing

HARMONICS ON THE VIOLIN

Exemplified

and clearly explained in a Series

OF

EXERCISES,

to which is added the

PRAYER from MOSÈ

as Performed on the 4.th String by that extraordinary Violinist.

Gin RAM
at 65.151

Arranged, & Dedicated to the

Rev.d R. F. Elwin,

BY

C. H. MÜELLER.

Director of Music to the Theatre Royal, Norwich.

Ent.d Sta. Hall. *Pr. 5.s*

LONDON

Published by Z.T. Purday, 45, High Holborn.

Where may be had by same Author,

The Prayer from Mosè, Arranged for Violin, with Accomp.ts for Piano Forte... Pr. 3.s

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PUBLISHER	Purday

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System of Artificial Harmonics in Paganinis Style.

The great effect which Paganini produces by playing whole passages in Harmonics, on the Violin, has induced the author to offer to the Public some Instruction on a Method for playing them, in imitation of that great Master; and if by the rules here laid down, he may give amusement or additional zest for practice to the Amateur, as well as the Professor, he will feel amply gratified.

This method is divided into four parts. (namely.)

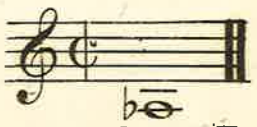
1º. Harmonics = across the Finger Board on all the Strings Producing Fifths from the given note.
2º. Harmonics = on one String Producing Fifths in the same manner.
3º. Harmonics = _ _ _ _ _ _ _ _ Producing Octaves from the given note.
4º. Harmonics = ... Producing Octaves from the upper note.

FIRST PART.

Harmonics which give a Fifth from the original note are produced by a slight pressure of the fourth finger at the distance of a Fifth: for Example the open String- G.-

Ex:

will by a slight pressure with the fourth finger on the note on the same string, meaning where that note ought to be played = give the Harmonic D.= To produce a higher note on the same String, in harmonics, the same rule is to be observed: for Ex: put the first finger on A ♭.

Ex: 

And the fourth finger slightly pressed where E ♭.

Ex:

would be played on the same String, in the second Position (commonly called the half shift.) And it will produce the Harmonic E ♭. — NB in the Harmonics use a Legato Bow.

With the exception of the open Strings all Harmonics in fifths - are taken with the first and Fourth finger. This extention of the position of the hand the student must by constant practice make himself master of.

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CHROMATIC SCALE OF HARMONICS.

NB the first line of every three, are the notes to be played in Harmonics, namely those with the o over them — The Second and Third Lines are the sounds produced either in Sharps or Flats; those sounds are properly of the same value as Flute notes an Octave higher as written here namely the first harmonic note would sound like this D
HARMONICS
Producing.
SCALE with ♭.
SCALE with ♯.
Open String & the 4th Finger at the Distance of D.
1st & 4th Finger on E♭ same String.
1st & 4th Finger on E♮ same String.

1st Finger in the 2nd Position & 4th Fin: on F♮ same String.
1st Finger in the 2nd Position & 4th Fin: on F♯ same String.
1st Finger in the 3rd Position & 4th Fin: on G same String.
1st Finger in the 3rd Position & 4th Fin: on G♯ same String.

Open 3rd String & 4th Fin: at A = same String.
1st & 4th Fin: on B♭ same String.
1st & 4th Fin: on B♮ same String.
1st Fin: in the 2nd Position & 4th Fin: on C same String.

* These Harmonic Sounds produced are an Octave higher than here.

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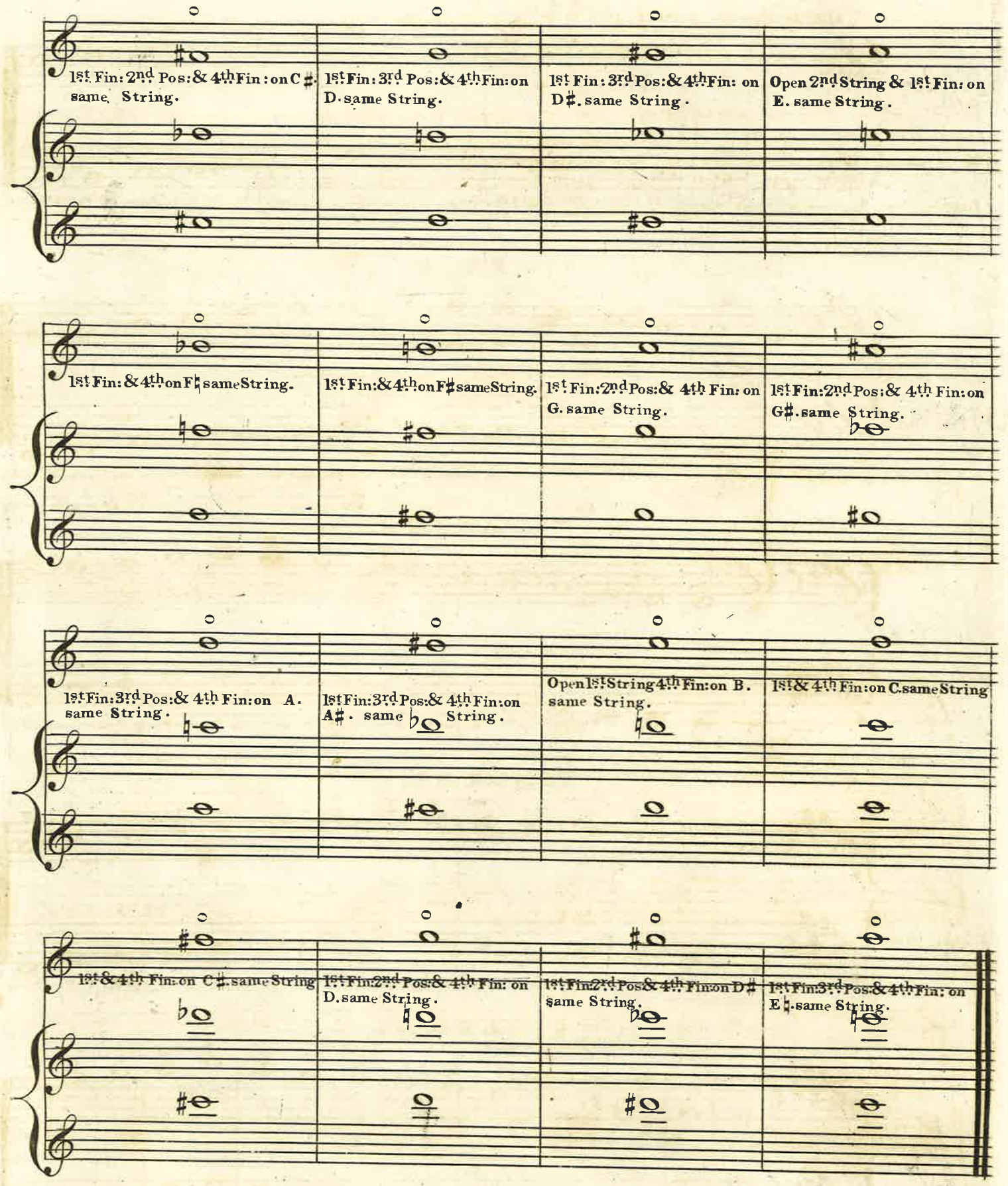
1st Fin: 2nd Pos: & 4th Fin: on C♯. same String.
1st Fin: 3rd Pos: & 4th Fin: on D. same String.
1st Fin: 3rd Pos: & 4th Fin: on D♯. same String.
Open 2nd String & 1st Fin: on E. same String.
1st Fin: & 4th on F♮ same String.
1st Fin: & 4th on F♯ same String.
1st Fin: 2nd Pos: & 4th Fin: on G. same String.
1st Fin: 2nd Pos: & 4th Fin: on G♯. same String.
1st Fin: 3rd Pos: & 4th Fin: on A. same String.
1st Fin: 3rd Pos: & 4th Fin: on A♯. same String.
Open 1st String 4th Fin: on B. same String.
1st & 4th Fin: on C same String
1st & 4th Fin: on C♯. same String
1st Fin: 2nd Pos: & 4th Fin: on D. same String.
1st Fin: 2nd Pos: & 4th Fin: on D♯ same String.
1st Fin: 3rd Pos: & 4th Fin: on E♮. same String.

Observe as the value of sound produced, would be an Octave higher than here written, it is deem'd unecessary to carry the Harmonics further in this scale.

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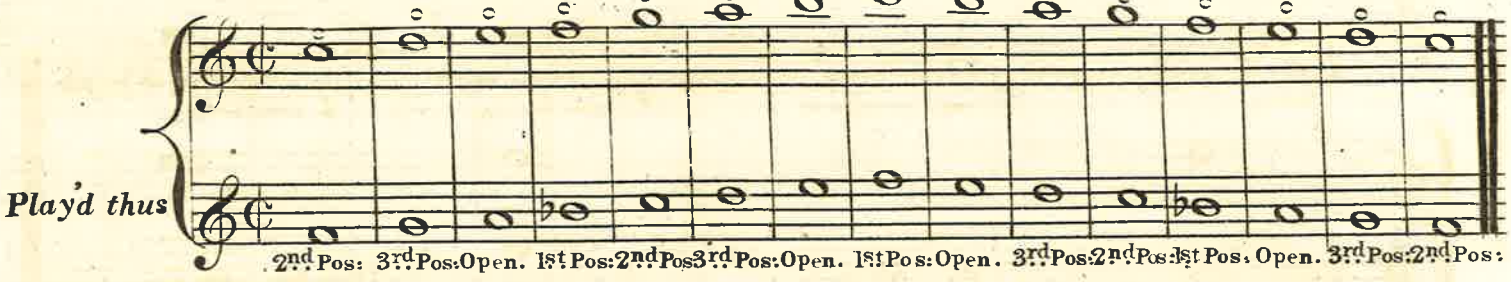
It will also be necessary to be well acquainted with *The following Scales*.

Harmonics.

SCALE. C.



SCALE. G.

SCALE. D.

SCALE in A.

SCALE in E.

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SCALE in B♮.

SCALES with flats.

SCALE in F.

SCALE in B♭.

SCALE in E♭.

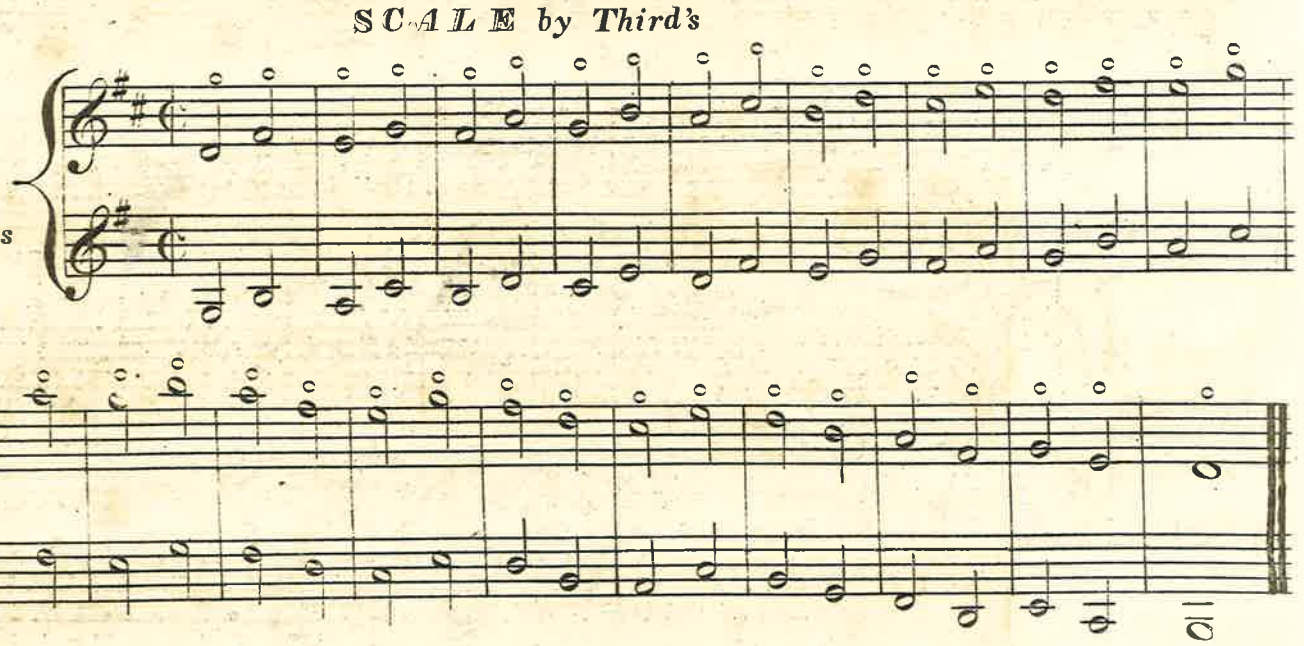
SCALE in A♭.

SCALE by Second's

Play'd thus

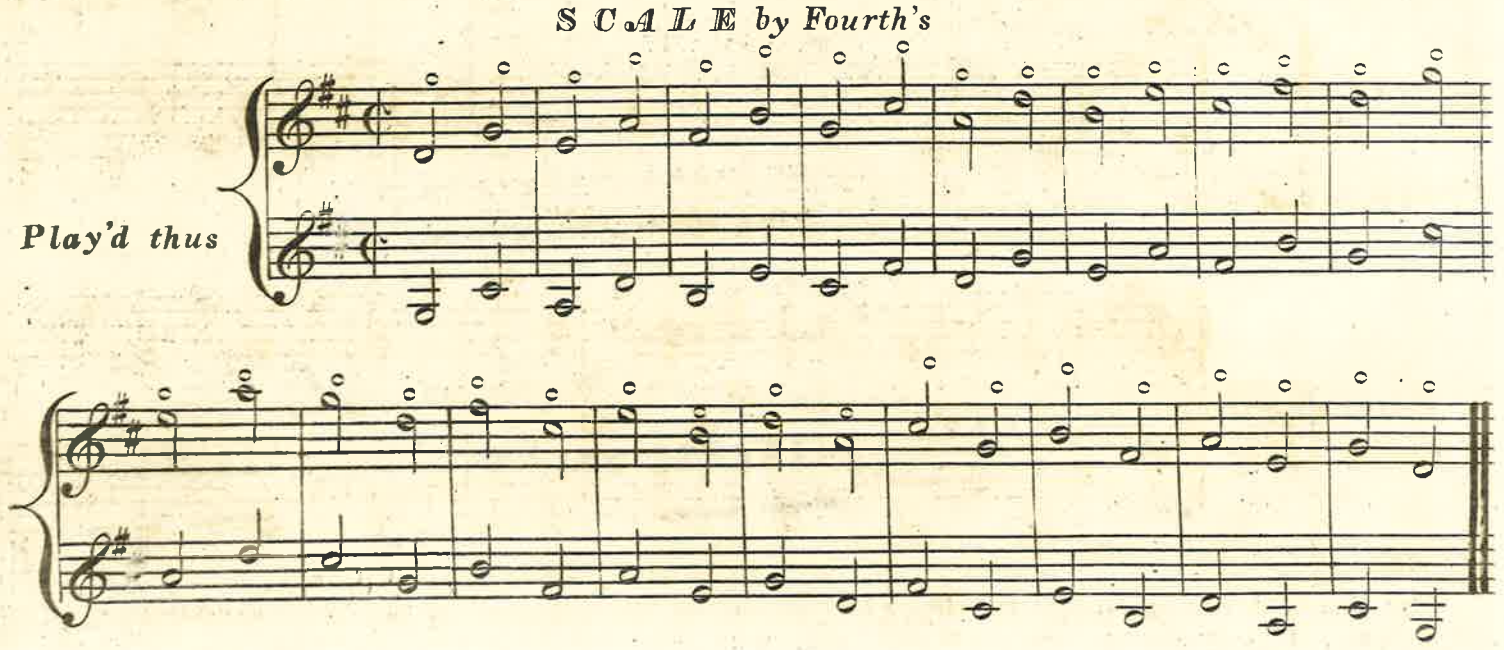
SCALE by Third's

Play'd thus



SCALE by Fourth's

Play'd thus



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SCALE by Fifth's.

Play'd thus

SCALE by Sixth's.

Play'd thus

SCALE by Seventh's.

Play'd thus

SCALE by Eighth's,

Play'd thus

The Student should practice these Exercises by the degrees of the Scale in all the foregoing Keys. Page 4 & 5.

A few Examples on the 1º Part.

GOD SAVE THE KING.

Play'd thus

WE'RE A NODDING.

Play'd thus

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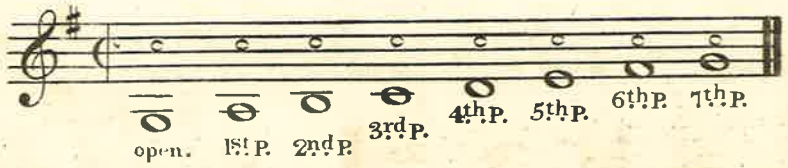
AULD LANG SYNE

Play'd thus

PART the SECOND.

Harmonics on one String, producing the Fifth on the note given, are played in the same manner as those across the fingerboard described in the FIRST PART. namely with the first and fourth Finger. To produce a Scale on a given note the hand must gradually move forward according to the Distances of that Scale; the first and fourth Finger remaining on the Finger-board. The first finger taking the notes in a firm manner, and the fourth with a slight pressure, making the Harmonics. When arrived at the high positions, namely, the 6th 7th & 8th the Thumb must gradually relax in the grasp of the neck of the Violin, to give more freedom to the Hand over the finger-board, particular when playing on the 4th String.

SCALES on the 4th STRING.

1st Scale. 

This produces Scale of D major.

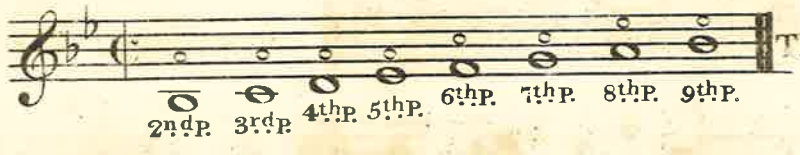
Same with semitones

2nd Scale.

This produces the Scale of E♭ major.

3rd Scale.

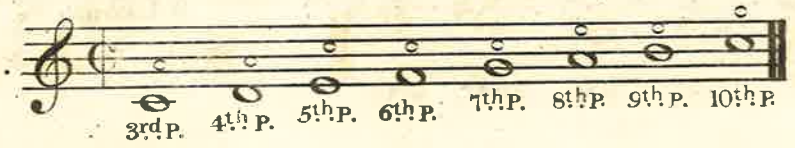
This produces the Scale of E♮ major.

4th Scale. 

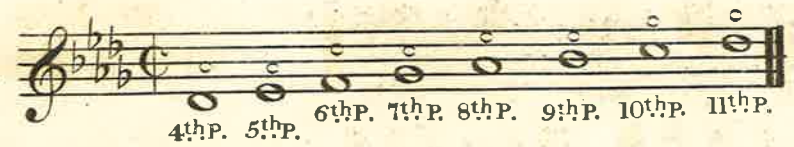
This produces the Scale of F major.

5th Scale.

Produces the Scale of F♯ major.

6th Scale. 

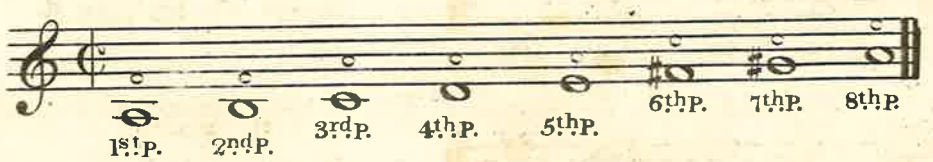
Produces the Scale of G major.

7th Scale. 

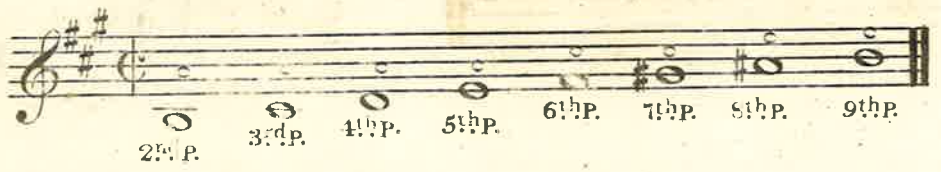
Produces Scale of A♭ major.

SCALES in MINOR KEYS.

Scale of D minor.



Scale of E minor.



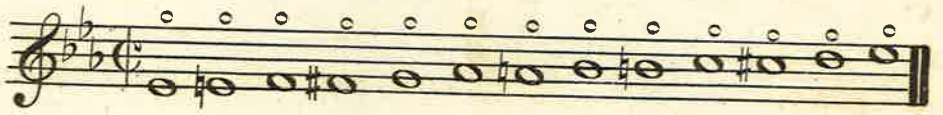
Scale of F♯ minor.

Produces
Scale in G minor.

SCALES on the 3rd STRING.

Produces
Scale in A major.

Produces
Scale in B♭ major.



Same Scale with Semi tones.

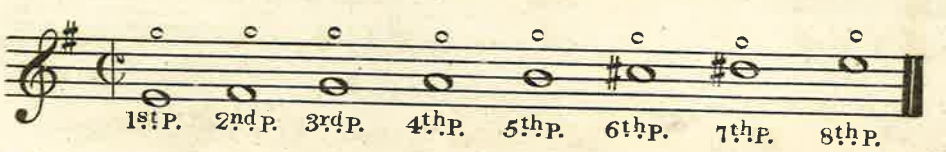
Produces
Scale in B♮ major.

Produces
Scale in C. major.

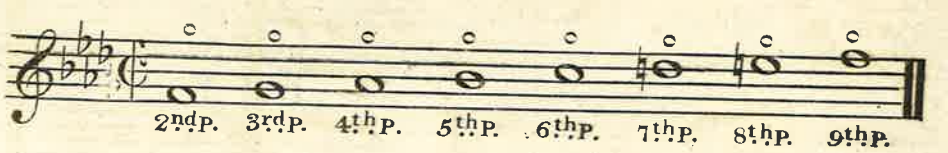
Produces
Scale in D. major.

MINOR SCALES

Produces
Scale in A. minor.

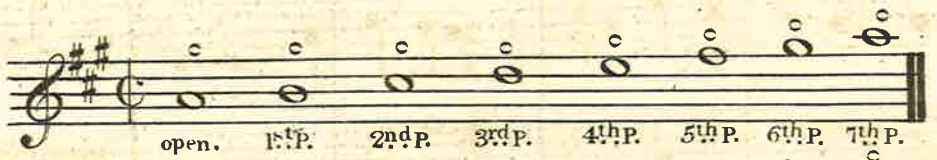


Produces
Scale in B♮. minor.



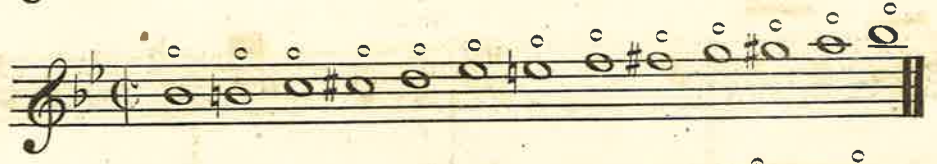
Produces
Scale in C. minor.

SCALES on the 2nd STRING.



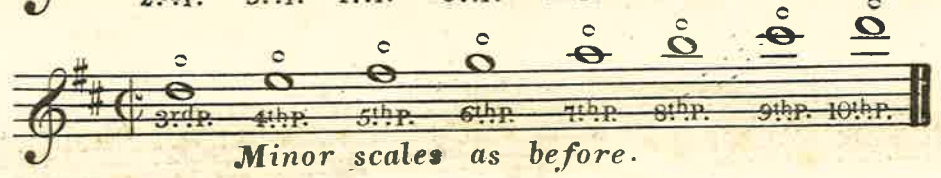
Producing Scale in E♭ major.

Producing Scale in F. major.



Same Scale with Semitones.

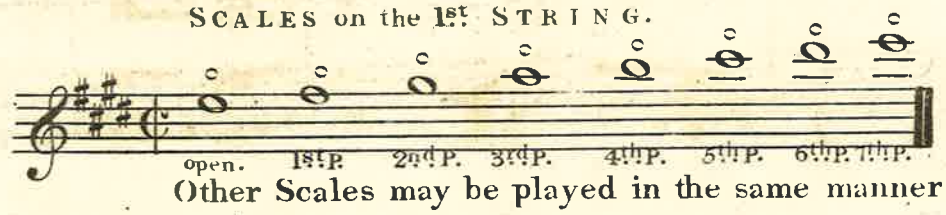
Producing Scale in G. major.



Producing Scale in A. major.

Minor scales as before.

SCALES on the 1st STRING.



Scale in B♭ major.

Other Scales may be played in the same manner as on the other 3 Strings.

LESSONS on ONE STRING, the 4th

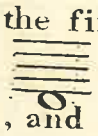
GOD SAVE THE KING.

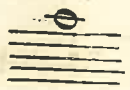
Play'd thus.

ANDANTE.

Play'd thus

PART the THIRD.

To produce Harmonics in Octaves, the First and Fourth Finger are employed, the First Finger must press the String firmly, and the Fourth Finger lightly, at the Distance of a *Fourth*. Supposing we wish to play the Octave of A in that case the first Finger is placed on the note A and the Fourth finger lightly over the note  the Fourth Finger should lay over the string in an oblique directions, and the String touched nearly at half the first joint.— The Bow must be used in a quick and rapid succession, nearer the nut than the centre of it. The student should practice 3 or 4 notes in succession before he attempts a whole Octave, to make himself acquainted with this peculiar bowing.

Observe that the value of sound produc'd is properly 2 Octaves = namely gives 

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The following Scales should then be Practiced on the fourth String.

Major Scale in A.

Minor Scale in A.

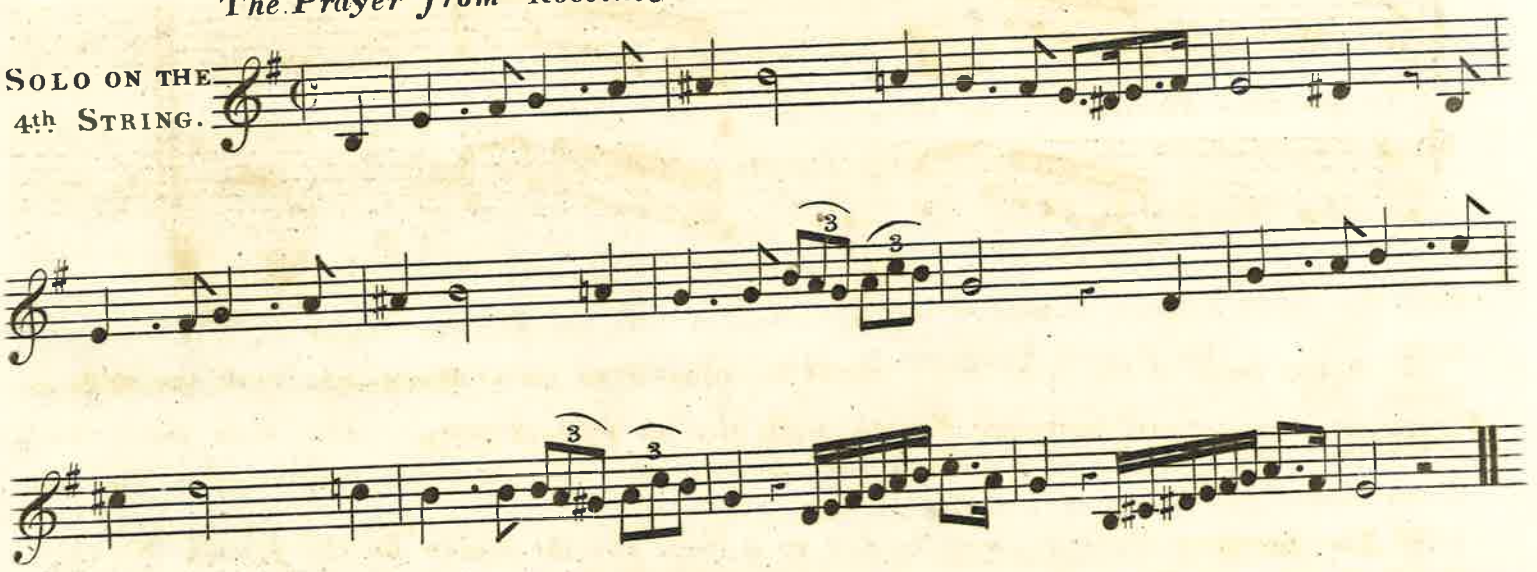
Major Scale in B♮.

Minor Scale in B♮.

Major Scale in C.

Illustration where the Harmonics by 5th and 8th are introduced.

The Prayer from Rossini's = MOSE IN EGITTO.



The whole of this Solo to be repeated in Harmonic's on the same string in the following manner.

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Harmonics.

Play'd thus.

(First note to be Play'd an 8v Haric) 5ths with 1st & 4th Finger.

(8v Har.) 5ths

8v Hars

NB at the Sign * the note must be play'd as an 8v Harmonic with the 1º & 4º Finger or as a *natural* harmonic note with the 2º Finger only.

NB The foregoig Prayer - may be had as a Solo for the violin on the fourth String a la Paganini with Piano Forte accompaniment by C.H.Mueller. Publish'd by Z.T.Purday 45 High Holborn.

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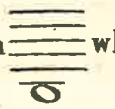
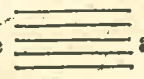
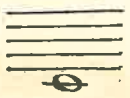
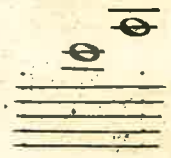
FOURTH PART.

Harmonics producing Octaves from the upper note are played with the first and third Finger

Ex: — To begin with  which play'd as a natural Harmonic with the Second Finger only produces to effect the next note place your first finger firmly on the  and the third finger at the distance of a third on the  and the  will be produced the same Bowing as described in the Third part must likewise be used for these Harmonics.

The Student will find annexd a recepitulation of all the Harmonics with a Chromatic Scale combining the four Systems of artificial Harmonics and the value of sounds produced.

Ex: of Fifth's on the 4th String. which gives. Fifth Harmonics give one Octave above the upper note on any part of the Violin.

Ex: of Fourth's. which gives. Fourths give two Octaves above the lower note.

Ex: of Thirds. which gives. Thirds give two Octaves above the upper note.

NB in the Example of Thirds the first note B. is play'd only by the second Finger slightly press'd considering the nut as a first finger all the others are play'd with the 1o & 3o Finger.

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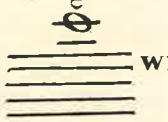
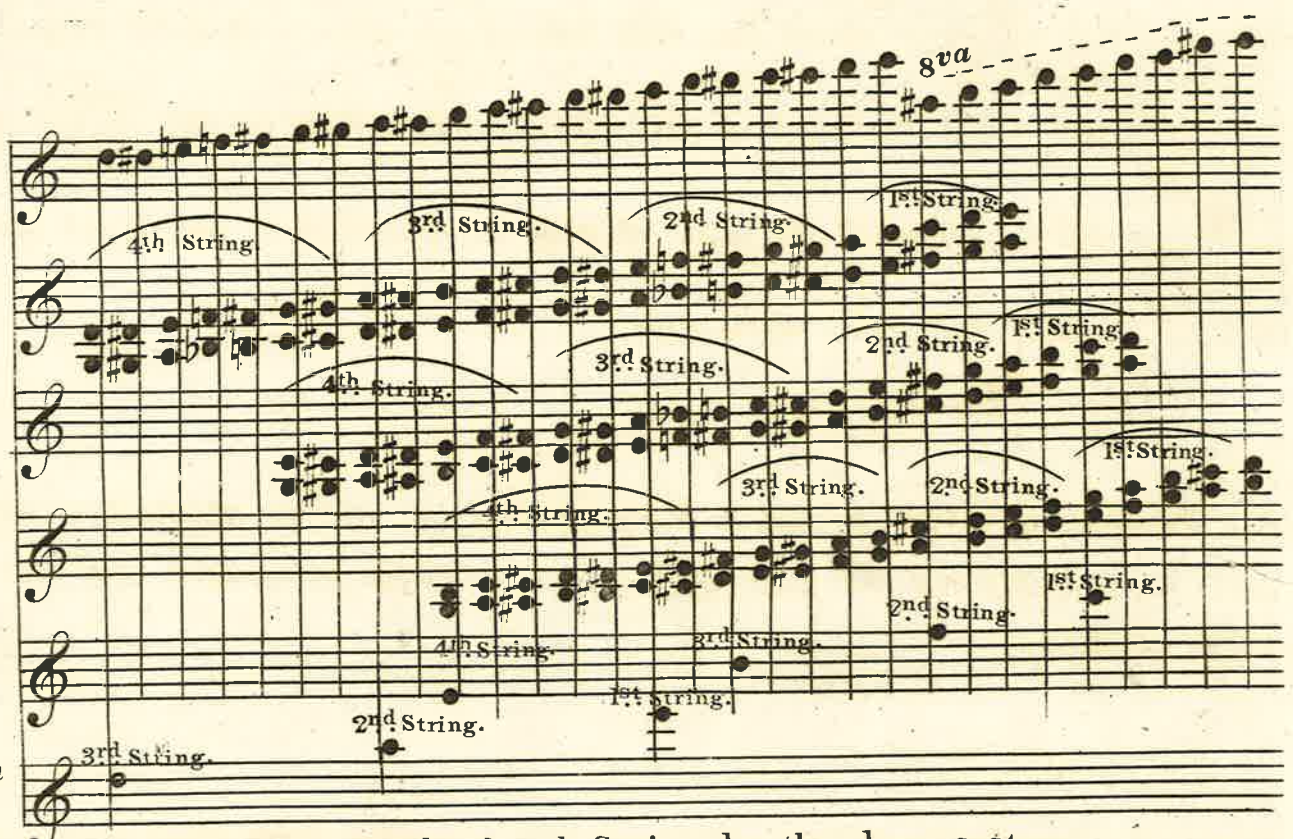
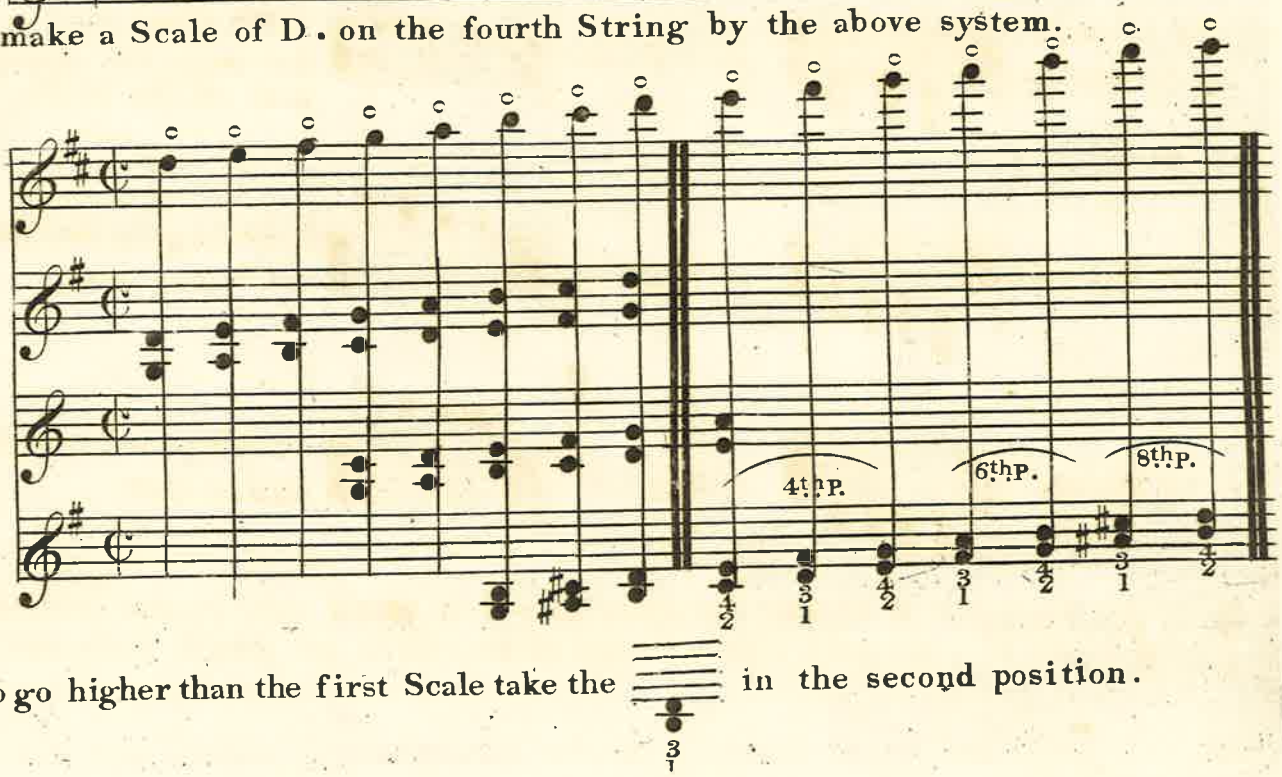
Observe likewise that every Harmonic note may be found either a Third below or a Fourth above. To produce on the 4th String. by playing & stopping a third with the third Finger or playing with the first Finger and stopping with the fourth Finger on the same String the same note  will be found

A CHROMATIC SCALE COMBINING THE 3 SYSTEMS OF HARMONICS.



Example to make a Scale of D. on the fourth String by the above system.



Observe - to go higher than the first Scale take the in the second position.